

EAST - [microfluidic.wsp:1]

Drafts

- BRS: 14 and
- BRS: 14 and

Pending

Active

- L1: (45) cross-link with antigen with antibody
- L2: (0) 1 with cross-linker
- L3: (0) 1 with glutaraldehyde
- L5: (0) 4 with cross-linker
- L6: (0) 4 with glutaraldehyde
- L4: (6) cross-link with dna with antibody
- L7: (0) cross-link with (nucleic adj acid) with antibody
- L8: (46) cross-links with (nucleic adj acid) with antibody

Failed

Saved

- S1: (701) microfluidic
- S2: (423) microfluidic and (electrode or electrodes)
- S3: (411) (microfluidic and (electrode or electrodes)) and well
- S4: (296) ((microfluidic and (electrode or electrodes)) and well) and reservoir
- S5: (193) (((microfluidic and (electrode or electrodes)) and well) and reservoir)
- S6: (67) (604/234).CCLS.
- S7: (165) (((microfluidic and (electrode or electrodes)) and well) and reservoir)

Search **List** **Print** **Save** **Exit**
DBs **USPAT** **Exact**
Default operator: **OR** **Highlight hit terms only**

cross-linkS with (nucleic adj acid) with antibody;

U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	R	M
1	<input type="checkbox"/>	US 6814964	20041109		Supramolecules containing binding and	424/94.1	424/159.1;		Virtanen; Jorma et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	US 6737239	20040518		Nucleic acid sequence detection employing nano	435/6	514/44;		Wood; Michael L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	US 6709814	20040323		Peptides causing formation of compact structures	435/6	536/24.3;		Anderson; David et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	US 6692759	20040217		Methods for preparing and using implantable structures	424/423	424/424;		Wong; Corinne Gail et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input checked="" type="checkbox"/>	US 6590091	20030708		Nucleic acid sequence detection employing amo	536/24.3	435/287.2;		Albagli; David et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input checked="" type="checkbox"/>	US 6582962	20030624		Automated molecular pathology apparatus having	436/46	219/385;		Richards; William et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<input checked="" type="checkbox"/>	US 6495676	20021217		Nucleic acid sequence detection employing nano	536/25.3	422/100;		Wood; Michael L. et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<input checked="" type="checkbox"/>	US 6455684	20020924		In situ assay of substance in biological	536/23.1	536/25.31;		Matsui; Kazuhiro et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<input checked="" type="checkbox"/>	US 6428957	20020806		Systems tools and methods of assaying bio	435/6	536/26.6;		Delenstarr; Glenda C.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	<input checked="" type="checkbox"/>	US 6379699	20020430		Liposome having attached target-binding	424/450	424/159.1;		Virtanen; Jorma et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	<input checked="" type="checkbox"/>	US 6339172	20020115		Assay of substance in	562/828	424/160.1;		Matsui; Kazuhiro et al.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Find **Details** **HTML**

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File View Edit Tools Window Help

Records List Browse Queries Clear
DBs USPAT Bursts
Default operator: OR Highlight all hit terms initially

L27 and (cross-link\$ with covalent\$)

L8: (46) cross-link\$ with (nucleic adj acid) with antibody
L9: (44) 8 and ((solid adj support) or membrane or substrate)
L10: (39) 8 and ((solid adj support) or membrane)
L11: (27) 8 and ((solid adj support) and membrane)
L12: (13) 11 and (array or microarray)
L13: (1) cross-linker with (nucleic adj acid) with antibody
L14: (1) 13 and (covalent or covalently)
L15: (1) 14 and ((solid adj support) or substrate or membrane)
L16: (6) cross-linker with (dna) with antibody
L17: (5) 16 and (covalent or covalently)
L18: (4) L17 not L15
L19: (212) cross-linkers with (covalent or covalently)
L20: (0) 19 and (cross-link with antibody with dna)
L21: (0) 19 and (cross-link with antibody with (protein or (nucleic adj acid)))
L22: (36) 19 and (cross-link\$ with antibody with (protein or (nucleic adj acid)))
L23: (10) 22 and (array or microarray)
L24: (212) cross-linker\$ with (covalent or covalently)
L25: (26) L22 not L23
L26: (66) 24 and (cross-link\$ with (antibody or antibodies))
L27: (23) 26 and (microarray or array)
L30: (66) L26 and (cross-link\$ with covalent\$)
L31: (23) L27 and (cross-link\$ with covalent\$)

BRForm IS&Rform Image Text HTML

U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	(3)	Im

Hits Details HTML

Ready NUM

EAST - [microfluidic.wsp:1] X

File View Edit Tools Window Help

Search List Browse Queries Clear
DBs USPAT Errors
Default operator: OR Highlight all hit terms initially

L30 not L31

L9: (44) 8 and ((solid adj support) or membrane or substrate)
L10: (39) 8 and ((solid adj support) or membrane)
L11: (27) 8 and ((solid adj support) and membrane)
L12: (13) 11 and (array or microarray)
L13: (1) cross-linker with (nucleic adj acid) with antibody
L14: (1) 13 and (covalent or covalently)
L15: (1) 14 and ((solid adj support) or substrate or membrane)
L16: (6) cross-linker with (dna) with antibody
L17: (5) 16 and (covalent or covalently)
L18: (4) L17 not L15
L19: (212) cross-linkers with (covalent or covalently)
L20: (0) 19 and (cross-link with antibody with dna)
L21: (0) 19 and (cross-link with antibody with (protein or (nucleic adj acid)))
L22: (36) 19 and (cross-link\$ with antibody with (protein or (nucleic adj acid)))
L23: (10) 22 and (array or microarray)
L24: (212) cross-link\$ with (covalent or covalently)
L25: (26) L22 not L23
L26: (66) 24 and (cross-link\$ with (antibody or antibodies))
L27: (23) 26 and (microarray or array)
L30: (66) L26 and (cross-link\$ with covalent\$)
L31: (23) L27 and (cross-link\$ with covalent\$)
L32: (43) L30 not L31

BRS form IS&R form Images Text HTML

U 1 Document ID Issue Date Pages Title Current OR Current XR Retrieval Inventor S C P B Im

Hits Details HTML

Ready NUM

The image shows a software application window titled "EAST - [microfluidic.wsp:1]". The menu bar includes "File", "View", "Edit", "Tools", "Window", and "Help". A toolbar at the top has buttons for "Search", "List", "Browse", "Queries", "Clear", "DBs", "USPAT", and "Errors". A checkbox for "Highlight all hit terms initially" is checked. The main search results window displays a list of search terms and their counts, such as L9: (44), L10: (39), and L30: (66). Below this is a large, mostly blank document view area with a toolbar above it containing buttons for "BRS form", "IS&R form", "Images", "Text", and "HTML". At the bottom of the screen, there is a status bar with "Hits", "Details", and "HTML" buttons, and a "Ready" message.

EAST - [microfluidic.wsp:1] X

File View Edit Tools Window Help

- L22: (36) 19 and (cross-link\$ with antibody with (protein or (nucleic adj acid)))
- L23: (10) 22 and (array or microarray)
- L24: (212) cross-linker\$ with (covalent or covalently)
- L25: (26) L22 not L23
- L26: (66) 24 and (cross-link\$ with (antibody or antibodies))
- L27: (23) 26 and (microarray or array)
- L30: (66) L26 and (cross-link\$ with covalent\$)
- L31: (23) L27 and (cross-link\$ with covalent\$)
- L32: (43) L30 not L31
- L33: (164) elisa same array
- L34: (91) elisa same array same (antibody or antibodies)
- L35: (22) elisa with array with (antibody or antibodies)
- L36: (26270) elisa
- L37: (3849) 36 and ((antibody or antibodies) with (solid adj support))
- L38: (668) 36 and ((antibody or antibodies) with (solid adj support) with first)
- L39: (0) 38 and (then with enzyme with label)
- L40: (1) 38 and (subsequently with enzyme with label)
- L41: (34) 38 and (subsequently with enzyme)
- L42: (9084) eia
- L43: (2213) eia same (antibody or antibodies)
- L44: (115) 43 and (enzyme with subsequently)
- L45: (39) 43 and (subsequently adj3 enzyme)

Search List Browse Queries Clear
DBs USPAT Bursts Default operator: OR Highlight all hit terms initially

43 and (subsequently adj3 enzyme)

BRS form S&R form Images Text HTML

U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	3	Im

Hit Details HTML

Ready NUM

EAST - [Untitled1:1]

File View Edit Tools Window Help

Drafts Pending Active L1: (3) wang-yingjian.in. Failed Saved Favorites Tagged (0) UDC Queue Trash

Search List Browse Create Clear DBs US-PGPUB-USPAT Default operator: OR

Plurals Highlight all hit terms initially

wang-yingjian.in.

BRS form **IS&R form** **Image** **Text** **HTML**

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XR	Retrieval	Inventor	S	C	P	3	Im	
1	<input type="checkbox"/>	<input type="checkbox"/>	US 20030099927	20030529	15	Arrays for bringing two or more reagents in contact	435/5	422/61; 435/287.2;		Wang, Yingjian et al.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 2003
2	<input type="checkbox"/>	<input type="checkbox"/>	US 20030082560	20030501	13	Method of making interactive protein array	435/6	427/2.11; 435/287.2;		Wang, Yingjian	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 2003
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	US 20020155493	20021024	16	Methods and arrays for detecting biological molecules	435/6	435/7.9		Wang, Yingjian	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	US 2002

Hits Details HTML

Ready NUM